

Appl. No. 10/792,366
Examiner: VU, PHU, Art Unit 2871
In response to the Office Action dated July 27, 2005

Date: October 27, 2005
Attorney Docket No. 10113881

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claim 1 (original): An electronic device comprising:

a printed circuit board including a ground layer;

a liquid crystal display module, disposed on the printed circuit board, including a central portion, a surrounding portion, an anti-ESD wire, and a first contact, wherein the central portion is surrounded by the surrounding portion, and the anti-ESD wire is disposed on the surrounding portion, and wires of the liquid crystal display module are schemed between the anti-ESD wire and the central portion, and the first contact is coupled to the anti-ESD wire and the ground layer respectively so that ESD in the liquid crystal display module is ground via the anti-ESD wire and the first contact; and

a controller, disposed on the printed circuit board and coupled to the liquid crystal display module, for resetting the liquid crystal display module at a predetermined interval.

Claim 2 (original): The electronic device as claimed in claim 1, further including a first wire connecting the first contact and the ground layer.

Claim 3 (original): The electronic device as claimed in claim 1, wherein the liquid crystal display module further includes a plurality of second contacts, and the first contact is located outside of the second contacts.

Claim 4 (original): The electronic device as claimed in claim 3, further including a second wire connecting one of the second contacts and the controller.

Claim 5 (original): The electronic device as claimed in claim 1, wherein the central portion of the liquid crystal display module is the display region of the liquid crystal display module.

Claim 6 (original): The electronic device as claimed in claim 1, wherein the surrounding portion of the liquid crystal display module is a circuit layout region of the liquid crystal display module.

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Claim 7 (original): The electronic device as claimed in claim 1, wherein the anti-ESD wire is indium tin oxide.

Claim 8 (original): The electronic device as claimed in claim 1, wherein the width of the anti-ESD wire is 0.15mm-0.35mm.

Claim 9 (original): A method for preventing ESD, comprising:

providing a liquid crystal display module including a central portion, a surrounding portion, and an anti-ESD wire, wherein the central portion is surrounded by the surrounding portion, the anti-ESD wire is disposed on the surrounding portion, and wires of the liquid crystal display module are located between the anti-ESD wire and the central portion; and
resetting the liquid crystal display module at a predetermined interval.

Claim 10 (original): The method as claimed in claim 9, further comprising:

making a level of the liquid crystal display module back to a predetermined value so as to reset the liquid crystal display module.

Claim 11 (original): The method as claimed in claim 9, wherein the anti-ESD wire is indium tin oxide.

Claim 12 (original): The method as claimed in claim 9, wherein the width of the anti-ESD wire is 0.15mm-0.35mm.

Claim 13 (currently amended): A machine-readable storage medium storing a computer program which, when executed, causes a computer to perform a method for preventing ESD in a liquid crystal display module including a central portion, a surrounding portion, and an anti-ESD wire, wherein the central portion is surrounded by the surrounding portion, the anti-ESD wire is disposed on the surrounding portion, and wires of the liquid crystal display module are located between the anti-ESD wire and the central portion ~~is provided~~, wherein the method comprises:

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~~providing a liquid crystal display module including a central portion, a surrounding portion, and an anti-ESD wire, wherein the central portion is surrounded by the surrounding portion, the anti-ESD wire is disposed on the surrounding portion, and wires of the liquid crystal display module are located between the anti-ESD wire and the central portion; and~~
resetting the liquid crystal display module at a predetermined interval.

Claim 14 (original): The storage medium as claimed in claim 13, further comprising:
returning a level of the liquid crystal display module to a predetermined value so as to reset the liquid crystal display module.

Claim 15 (original): The storage medium as claimed in claim 13, wherein the anti-ESD wire is made of indium tin oxide.

Claim 16 (original): The storage medium as claimed in claim 13, wherein the width of the anti-ESD wire is 0.15mm-0.35mm.